

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date:
Well information:

| API WELL # | Well Name | Well # | Operator Name | Type | Stat | County | Surf. Owner | UL | Sec | Twp | N/S | Rng | W/E | Feet | NS | Fl | EW |
|--------------------|----------------------------|-----------|-------------------------------|------|------|----------|-------------|----|-----|-----|-----|-----|-----|------|----|------|----|
| 30-045-07832-00-00 | GALLEGOS CANYON UNIT COM D | 160 | BP AMERICA PRODUCTION COMPANY | G | P | San Juan | F | I | 27 | 29 | N | 12 | W | 1850 | S | 1190 | E |

Application Type:

- ☐ P&A ☐ Drilling/Casing Change ☐ Location Change
- ☐ ☐ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
- ☒ **Other: underground marker**

Conditions of Approval: This well has federal minerals and private surface ownership –
The plug and abandon procedure is approved but the underground marker is not.

Please review Rule 19.15.25.10 Plugging

Monica Kuehl

NMOCD Approved by Signature

2/20/17
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF080224

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
GCU COM D 1609. API Well No.
30-045-07832-00-S110. Field and Pool or Exploratory Area
BASIN DAKOTA11. County or Parish, State
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

3a. Address

501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE
HOUSTON, TX 77079

3b. Phone No. (include area code)

Ph: 281-892-5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T29N R12W NESE 1850FSL 1190FEL
36.695210 N Lat, 108.081250 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Subject well was P&A'd in 2004. December 2016 P&A marker was found knocked over and gas was found bubbling out of the plugged wellbore.

BP requests to re-enter the wellbore to shut off the source of the gas. Please see the attached procedure of our proposed operations.

OIL CONS. DIV DIST. 3
FEB 17 2017

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #366786 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 02/14/2017 (17JWS0068SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/13/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 02/14/2017

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

GCU Com D 160

API: 30-045-07832

Location: Unit I - Sec 27 - T29N - R12W

Background:

The GCU Com D 160 was plugged and abandoned in 2004. The P&A marker was found knocked over in December 2016. Incidentally, gas was found bubbling out of the plugged wellbore.

Scope:

Bp proposes to re-enter the wellbore to shut-off the source of the gas. Below is basic job procedure followed by the current and proposed wellbore diagram.

Procedure:

1. Drill out cement inside 4.5" production casing to ~800'
2. Run radial CBL from 800' to surface
3. Contact regulatory agencies to confirm perforation depth
4. Perforate casing at 500'
5. Perform hesitation squeeze to isolate source of gas
6. Confirm bradenhead pressure is 0 psi
7. Spot 42 sacks Class B cement from 550' to surface
8. Cut-off wellhead
9. Install below grade marker

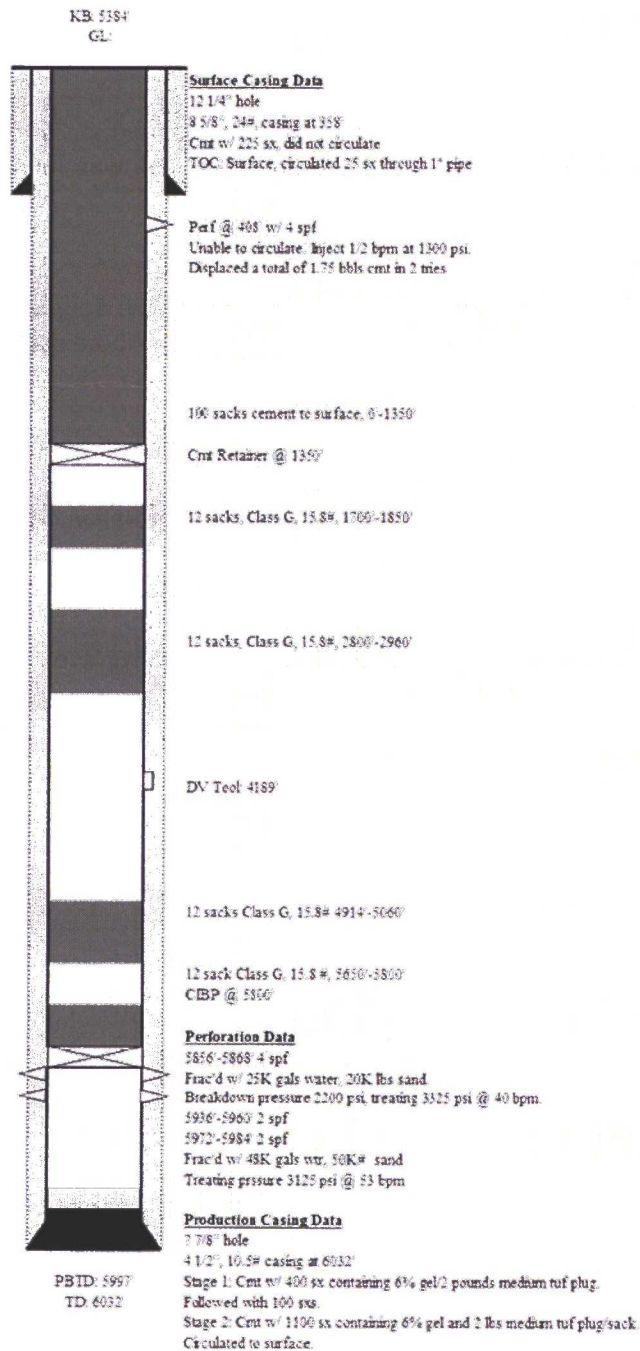
Current WBD



GCU Com D 160-DK
 Dakota
 API #30-45-07832
 Unit 1 - Sec 27 - T29N - R12W
 San Juan County, NM

Formation Tops

| | |
|-------------|------|
| Ojo Alamo | 96 |
| Kirtland | 219 |
| Pictured Cl | 1340 |
| Mesaverde | 2907 |
| Mancoes | 4075 |
| Gallup | 4994 |
| Greenhorn | 5758 |
| Dakota | 5925 |



Proposed WBD



GCU Com D 160-DK
 Dakota
 API #30-45-07832
 Unit 1 - Sec 27 - T29N - R12W
 San Juan County, NM

Formation Tops

| | |
|--------------|------|
| Ojo Alamo | 96 |
| Kirtland | 219 |
| Pictured Clk | 1340 |
| Mesaverde | 2907 |
| Mancos | 4075 |
| Gallop | 4994 |
| Greenhorn | 5753 |
| Dakota | 5925 |

